

DBP Chronic Perinatal Study-Rats

Table 1: PND 1 Litter Data

Parameter ^c	Control	300 ppm	1000 ppm	3000 ppm	10000 ppm	Trend
Litter Size^a						
Total (Live + Dead)^j	11.49 ± 0.35 [35]	12.85 ± 0.39 [26]*	12.21 ± 0.34 [33]	12.30 ± 0.25 [33]	12.09 ± 0.44 [32]	0.663+
Live Males + Females^j	11.37 ± 0.34 [35]	12.77 ± 0.39 [26]*	12.18 ± 0.34 [33]	12.12 ± 0.26 [33]	11.91 ± 0.46 [32]	0.746+
Live Males^d	5.81 ± 0.40 [31]	6.04 ± 0.46 [23]	5.66 ± 0.42 [32]	5.84 ± 0.26 [32]	5.60 ± 0.48 [20]	0.654-
Live Females^d	5.65 ± 0.37 [31]	6.70 ± 0.46 [23]	6.50 ± 0.38 [32]	6.28 ± 0.25 [32]	6.55 ± 0.51 [20]	0.386+
Total Dead pups^{f,i,k}	4 [35]	2 [27]	2 [33]	6 [35]	6 [32]	
Total Dead per litterⁱ	0.11 ± 0.07 [35]	0.07 ± 0.05 [27]	0.06 ± 0.04 [33]	0.17 ± 0.10 [35]	0.19 ± 0.09 [32]	0.539+
% Males^d						
% Male in Group^{e,f}	50.7 [355]	47.4 [293]	46.5 [389]	48.2 [388]	46.1 [243]	
% Male per Litter^a	50.4 ± 3.1 [31]	47.7 ± 3.2 [23]	46.0 ± 3.1 [32]	48.1 ± 1.7 [32]	46.1 ± 2.5 [20]	0.517-
Pup Body Wts (g)^{b,g}						
Male^d	7.28 ± 0.12 [31]	7.38 ± 0.11 [23]	7.33 ± 0.09 [32]	7.48 ± 0.08 [32]	7.00 ± 0.13 [20]	0.710-
Female^d	6.96 ± 0.13 [31]	7.09 ± 0.15 [23]	6.96 ± 0.10 [32]	7.17 ± 0.08 [32]	6.77 ± 0.14 [20]	0.632+
Male + Female^j	7.12 ± 0.10 [35]	7.15 ± 0.10 [26]	7.16 ± 0.08 [33]	7.34 ± 0.08 [33]	6.77 ± 0.09 [32]*	0.140-
Adjusted Pup Body Wts (g)^{b,h}						
Male^d	7.21 ± 0.12 [31]	7.46 ± 0.11 [23]	7.34 ± 0.08 [32]	7.49 ± 0.07 [32]	7.01 ± 0.10 [20]	0.673-
Female^d	6.87 ± 0.12 [31]	7.19 ± 0.14 [23]	6.97 ± 0.09 [32]	7.18 ± 0.07 [32]	6.78 ± 0.10 [20]	0.525+
Male + Female^j	7.05 ± 0.10 [35]	7.23 ± 0.09 [26]	7.18 ± 0.08 [33]	7.35 ± 0.07 [33]*	6.76 ± 0.07 [32]*	0.112-

a: Each dose was compared to the control with Shirley's test when a trend was present (P<.01 from Jonckheere's trend test) or with Dunn's test when no trend was present [* = P<0.05, ** = P<0.01]

b: Each dose was compared to the control with Williams' test when a trend was present (P<.01 from Jonckheere's trend test) or with Dunnett's test when no trend was present [* = P<0.05, ** = P<0.01]

c: Results shown as mean ± standard error [number of litters] unless otherwise noted.

d: Litters where the male/female pup counts were inconsistent between PND 1 and PND 4 were excluded from the male/female-specific endpoints.

e: 100 x (Number of live males in dose group)/(Number of live males and females in dose group) [Number of pups].

f: No statistics were performed on this endpoint.

g: (Litter weight of live pups at PND 1) / (Live litter size on PND 1)

h: (Litter weight of live pups at PND 1) / (Live litter size on PND 1) to obtain a mean pup weight per litter. Mean values are then adjusted using live litter size on PND 1 as a covariate.

i: There was one non-sexed dead pup on PND1 in the 1000 ppm group.

j: Dams that had differing total counts on PND 1 and PND 4 not included

k: Number of dead pups in dose group [Number of litters]